

CLAIMS

What is claimed is:

1 1. A system that can be used to perform an
2 ophthalmic procedure on a cornea of a patient, comprising:
3 a patient support that can support the patient;
4 a light source that can direct a light beam onto the
5 cornea of the patient; and,
6 an air flow module that can direct a flow of air above
7 the cornea of the patient.

1 2. The system of claim 1, further comprising a
2 portable stand that supports said airflow module.
1 3. The system of claim 1, further comprising a control
2 console that is coupled to said airflow module.

1 4. The system of claim 1, wherein said patient support
2 includes a table.

1 5. The system of claim 1, wherein said light source
2 includes a laser.

1 6. The system of claim 1, wherein said airflow module
2 create a laminar flow of air.

1 7. The system of claim 1, wherein said airflow module
2 includes an adjustable blade.

1 8. A system that can be used to perform an ophthalmic
2 procedure on a cornea of a patient, comprising:
3 a patient support that can support the patient;
4 a laser that can direct a light beam onto the cornea of
5 the patient;
6 an air flow module that can direct a flow of air above
7 the cornea of the patient;
8 a portable stand that supports said air flow module;
9 and,
10 a control console that is coupled to said airflow
11 module.

1 9. The system of claim 8, wherein said patient support
2 includes a table.

1 10. The system of claim 8, wherein said airflow module
2 create a laminar flow of air.

1 11. The system of claim 8, wherein said airflow module
2 includes an adjustable blade.

1 12. A method for performing an ophthalmic procedure on
2 a cornea of a patient, comprising:

3 directing a flow of air across the cornea;
4 creating a flap in the cornea;
5 moving the flap to expose a portion of the cornea;
6 ablating a portion of the exposed cornea with a laser
7 beam; and,
8 moving the flap back onto the cornea.

1 13. The method of claim 12, further comprising
2 adjusting a flowrate of the flow of air.

1 14. The method of claim 12, further comprising
2 adjusting a direction of the flow of air.

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